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Claims

1. A hardcopy device for processing media, comprising:

an input tray pivotally movable between a first position and a second position;

5 an output tray pivotally movable between a first position and a second position;

wherein the input tray and the output tray are parallel in the first and second positions.
- 10 2. The hardcopy device according to claim 1 wherein the input tray is pivotally mounted to the hardcopy device about a first pivot axis and the media output tray is pivotally mounted to the hardcopy device about a second pivot axis, and wherein the first pivot axis and the second pivot axis are parallel but offset relative to one another.
- 15 3. The hardcopy device according to claim 2 having a media travel axis that is transverse to the first and second pivot axes and the first and second pivot axes are offset relative to one another along the media travel axis.
- 20 4. The hardcopy device according to claim 2 wherein the input and output trays are maintained in the storage position without independent securement.

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5. The hardcopy device according to claim 1 wherein movement of the input tray from the first position to the second position causes movement of the output tray from the first position to the second position.

5 6. The hardcopy device according to claim 5 wherein the input tray cannot be in the second position unless the output tray is in the second position.

10 7. The hardcopy device according to claim 1 wherein the output tray is movable to from the first position to the second position without movement of the input tray when the input tray is in the first position.

15 8. The hardcopy device according to claim 1 including a trap door pivotally connected to the output tray such that when the output tray is in the second position the trap door lies in a plane that is not parallel to the plane of the output tray.

20 9. The hardcopy device according to claim 8 wherein the output tray and the trap door lie in the same plane when the output tray is in the first position.

25 10. The hardcopy device according to claim 2 wherein the output tray includes a forward edge forward of the second pivot axis, and wherein the forward edge is spaced apart from the plane defined by the input tray by a distance that is the same when the output tray is in the first or second positions.

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11. A hardcopy device, comprising:

an input tray connected to the hardcopy device and pivotally movable about a first pivot axis between a processing position and a storage position;

5 an output tray connected to the hardcopy device above the input tray and pivotally movable about a second pivot axis between a processing position and a storage position; and

 wherein the first pivot axis is offset relative to the second pivot axis so that when the input tray and the output tray are in the storage position the
10 trays are held in the storage position.

 12. The hardcopy device according to claim 11 wherein the input tray defines an input tray plane and the output tray defines an output tray plane, and wherein the input tray plane and the output tray plane are parallel when
15 the trays are in the processing position.

 13. The hardcopy device according to claim 12 wherein the input tray plane and the output tray plane are parallel when the trays are in the storage position.
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 14. The hardcopy device according to claim 13 wherein the output tray includes an edge forward of the second pivot axis that is spaced apart from the input tray by the same distance when the output tray is in the media processing position or the storage position.
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15. The hardcopy device according to claim 11 configured for transporting media through the device along a media axis and wherein the media axis is transverse to the first and second pivot axes, and wherein the first pivot axis is offset relative to the second pivot axis along the media axis.

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16. In a hardcopy device having an external media input tray and an external media output tray wherein the hardcopy device with the input tray and output tray in a media processing position occupies a space having a first size, the improvement comprising:

10 input and output tray mounting means for allowing the input tray and output tray to be moved from the media processing position to a storage position in which the space occupied by the hardcopy device is between 15% and 45% less than the first size.

15 17. The hardcopy device according to claim 16 wherein the space occupied by the hardcopy device in the storage position is about 30% less than the first size.

20 18. The hardcopy device according to claim 16 wherein the input and output tray mounting means further comprises the input tray pivotally movable about a first pivot axis between the media processing position and the storage position, and the output tray pivotally movable about a second pivot axis between the media processing position and the storage position, wherein the first pivot axis is offset relative to the second pivot axis.

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19. The hardcopy device according to claim 18 wherein the input tray defines an input tray plane and the output tray defines an output tray plane,

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and wherein the input tray plane and the output tray plane are substantially parallel when the trays are in the media processing position.

5 20. The hardcopy device according to claim 18 wherein the input tray defines an input tray plane when in the media processing position and the output tray includes a forward edge that is spaced apart from the input tray plane by the same distance when the output tray is in the media processing position or the storage position.

10 21. A hardcopy device, comprising:

an input tray pivotally movable between a first position and a second position;

an output tray pivotally movable between a first position and a second position; and

15 wherein the output tray includes a trap door pivotally connected to the output tray such that the trap door pivots relative to the output tray when the output tray is moved to the second position.

20 22. A hardcopy device configured for transporting media along a media travel axis, comprising:

an input tray pivotally movable about a first axis between a first position and a second position;

an output tray pivotally movable about a second axis between a first position and a second position;

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wherein the media travel axis is transverse to the first and second pivot axes; and

trap door means pivotally connected to the output tray for pivotal rotation about a third axis that is parallel to and between the first and second axes.

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